



**U.S. DEPARTMENT OF ENERGY  
COMPUTATIONAL SCIENCE (CSGF)  
GRADUATE FELLOWSHIP PROGRAM  
STUDENT APPLICATION**

**Instructions:** Refer to the current fellowship program description before completing the application. **Please note application materials must be postmarked by January 29, 1997.** Type or print application information clearly. A complete application consists of

1. Fellowship Application
2. Current Official Transcript(s) and Course Sheets

Note: Transcript(s) must be mailed by the university to the address below. If the applicant has already received a degree, the transcript should show evidence of completion of the degree program.

3. Career and Academic Goals and Objectives
4. Three (3) Confidential Reference Forms. Have forms completed by faculty members and sent directly to the address below.
5. GRE Scores. The Educational Testing Service should send your Graduate Record examination (GRE) general aptitude scores directly to the address below. Seek GRE information promptly to ensure timely receipt of test results.

Please make sure that you have completed all parts of the application and have placed your signature where requested. Keep a copy of this application and supporting materials for your files.

**Deadline - Materials must be postmarked by January 29, 1997**

It is the applicant's responsibility to check with Krell Institute's CSGF office regarding the completeness of the application file. Incomplete applications will not be reviewed.

**RETURN THE COMPLETED APPLICATION/CORRESPONDENCE TO:**

**Computational Science Graduate Fellowship Program (CSGF)  
Krell Institute  
P.O. Box 511  
Ames, Iowa 50010  
515-233-6867**

Application information will be used solely for the purpose of selecting fellows and administering the program. Disclosure of this information is made subject to Public Law 93-579 (the Privacy Act of 1974) and U.S. Department of Energy. Regulations as published in the Federal Register on September 30, 1977, ff.



**U.S. DEPARTMENT OF ENERGY  
COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP PROGRAM  
STUDENT APPLICATION**

*For office  
use only*

**STUDENT DATA**

Name \_\_\_\_\_  
(Mr/Ms) (First) (Middle) (Last) (Ext)

Social Security Number \_\_\_\_\_

Current Academic Status: ☐ First year Graduate Student  
☐ First year PhD student  
☐ Other (please specify) \_\_\_\_\_

**CURRENT COLLEGE/UNIVERSITY** \_\_\_\_\_

Advisor \_\_\_\_\_

Department \_\_\_\_\_ Major \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

**CURRENT MAILING ADDRESS** \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Address effective through: \_\_\_\_\_ m/d/y      After this date, all correspondence will be sent to the permanent address listed below unless otherwise requested.

**E-MAIL ADDRESS** \_\_\_\_\_

**FAX NUMBER** \_\_\_\_\_

**PERMANENT ADDRESS** \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

**CITIZENSHIP**

U.S.Citizen: ☐ Yes ☐ No      If No, Country \_\_\_\_\_

Permanent Resident Alien: ☐ Yes ☐ No      If Yes, Country \_\_\_\_\_ PRA Number \_\_\_\_\_

Country of Birth \_\_\_\_\_ Port of Entry \_\_\_\_\_

*If PRA, attach copy of Alien Registration Receipt Card (Both Sides)*

**CSGF STUDENT APPLICATION**

NAME: \_\_\_\_\_

**EDUCATION**

List Technical Schools, Universities/Colleges. Begin with most current institution.

INSTITUTION	DATES ATTENDED	MAJOR	DATE DEGREE RECEIVED/ EXPECTED	MONTH/YEAR

**GRADE POINT AVERAGE**

Undergraduate Cumulative GPA \_\_\_\_\_. Use 4.0 scale to compute ( $A=4$ ,  $B=3$ ,  $C=2$ ,  $D=1$ ). If your transcript uses a different grading scale other than 4.0 (for example, 5.0 or 6.0) please normalize to 4.0.

Graduate GPA \_\_\_\_\_. (Use same scale as undergrad GPA)

**GRADUATE RECORD EXAMINATION**

**Verification of these scores is required.** (*Note: Official Graduate Record Examination (GRE) Scores must be sent directly by the Educational Testing Service to Krell Institute/Computational Science Graduate Fellowship program. Krell Institute's Institution Code is 6343*)

GRE TEST RESULTS

TEST TAKEN/TO BE TAKEN \_\_\_\_\_  
Date

EXAMINATION	SCORE	%
<b>Verbal</b>		
<b>Quantitative</b>		
<b>Analytical</b>		

**UNIVERSITY PREFERENCE**

University you plan to attend if awarded a fellowship. Any award will be contingent on attendance at the university identified below. *If, after submitting this application, you change your preferred university, please notify the CSGF office immediately.*

UNIVERSITY PREFERENCE	ACADEMIC DISCIPLINE	TOPIC OF INTEREST

**CSGF STUDENT APPLICATION****NAME:** \_\_\_\_\_**EMPLOYMENT RECORD**

Begin with current or most recent employment.

EMPLOYER	FROM/TO	POSITION	NATURE OF WORK

**FEDERAL LAB/INDUSTRY LAB EXPERIENCE**

EMPLOYER	FROM/TO	POSITION	NATURE OF WORK

**ACADEMIC AWARDS AND HONORS**

Include undergraduate and graduate honors (if applicable).


**EXTRACURRICULAR ACTIVITIES**

Include technical societies and service organizations (include offices held).


**REFERENCES**

List three persons familiar with your academic preparation and your technical abilities. Please have these individuals transmit the attached reference forms directly to Ames Lab.

1.
2.
3.

**CSGF STUDENT APPLICATION**

**NAME:** \_\_\_\_\_

**CAREER AND ACADEMIC GOALS AND OBJECTIVES**

**THIS INFORMATION IS VITAL TO THE OVERALL EVALUATION OF YOUR APPLICATION.**

1. The Fellowship program defines "Computational Science" as "the use of high-performance computer technology in an innovative and essential way to address and advance the state of knowledge in a particular scientific or engineering applications discipline." In a brief paragraph, describe the field of computational science in which you plan to pursue your doctoral research and how it relates to the above definition. **Limit this to 300 words or less.**

2. Indicate how your Program of Study will meet the objectives of the fellowship program. (300 words or less)

3. In one or two short paragraphs (300 words or less), summarize how your interests, background, coursework and planned research will lead to a dissertation that meets the definition of computational science given above. Keep in mind the three disciplines in question 2 when composing your response. Be sure to specifically address the role of computation in your planned research.

Applicant's Signature \_\_\_\_\_ Date \_\_\_\_\_

**CSGF STUDENT APPLICATION****NAME:** \_\_\_\_\_

List courses from your applied discipline (engineering, physics, etc.), other science, mathematics, and computer science courses that you **have** completed. Provide course title, credit hours, whether course was Graduate (G) or Undergraduate (UG) level, and grade earned. Please print or type clearly.

This form is used to facilitate the review of the applicant's academic record and performance in the applied disciplines, science, mathematics, and computer science.

COURSE TITLE	CREDIT HOURS QUARTER (Q) SEMESTER (S)	G/UG	GRADE
SCIENCE/ENGINEERING			
MATHEMATICS			
COMPUTER SCIENCE			

\_\_\_\_\_ Grade Point Average for the above courses. (GPA basis: A = 4; B = 3; C = 2; D = 1)

**CSGF STUDENT APPLICATION****NAME:** \_\_\_\_\_**PROGRAM OF STUDY**

Please type or print clearly. Please see instructions on p. 6.

**CURRENT AND PLANNED COURSES THAT WILL MEET THE FELLOWSHIP PROGRAM OF STUDY  
- Catalogue/course descriptions must be attached.**

University \_\_\_\_\_

COURSE TITLE	COURSE NUMBER	G/UG	HOURS
SCIENCE/ENGINEERING			
MATHEMATICS			
COMPUTER SCIENCE			

I have read and approved this program of study.

\_\_\_\_\_  
Signature\_\_\_\_\_  
Name of Graduate University Advisor (print)



### *Confidential Reference Form*

Applicant's Last Name	First	Middle
How long and in what association have you known the applicant?		

**In a group of other science and math students of comparable age and experience, how would you rate the applicant with respect to personal characteristics (motivation, imagination & originality of thought, ability to work with others, leadership potential) and scientific capabilities (fundamental knowledge in field, skill & originality of research project design, lab skill, written & oral communication skills). Please provide any comments which may provide a complete picture of the applicant's character, attitude, abilities, potential for research, and potential as a computational scientist.**

#### RECOMMENDER INFORMATION:

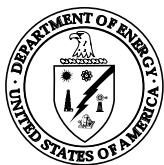
_____	_____
Name	Date

_____	_____
Institution	Title

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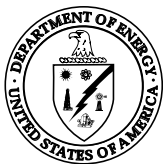
**RECOMMENDER INFORMATION:**

\_\_\_\_\_  
Name Date

\_\_\_\_\_  
Institution Title

**RETURN BY January 29, 1997 to:**

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**APPLICANT DATA**  
**(Optional)**

Applicant data is important in assessing the effectiveness of our efforts to solicit applications from a diverse population. Your completion and submission of this form will assist us in this regard, however, your failure to do so will not affect our decision regarding your application. We appreciate your cooperation.

**RACE**

- ☐ Caucasian (*having origins in any one of the original peoples of Europe, North Africa, or the Middle East*)
- ☐ Black (*having origins in any of the Black peoples of Africa*)
- ☐ Hispanic (*of Mexican, Puerto Rican, Cuban, Central/South American or other Spanish culture of origin, regardless of race*)
- ☐ American Indian (*having origins in any of the original peoples of North America, and maintaining cultural identification through tribal affiliation or community, recognition*)
- ☐ Asian or Pacific Islander (*having origins in any of the original peoples of the Far East, Southeast Asia; the Indian Subcontinent, or the Pacific Islands; for example, India, China, Japan, Korea, Philippine Islands, and Samoa*)

**SEX**

- ☐ Female      ☐ Male

**BIRTH DATE**(m/d/y):

Physical/mental handicap (*physical or mental impairment that substantially limits one or more major life activities; for example, blindness, deafness, or mobility impairment*):    ☐ Yes      ☐ No

## Fellowship Survey Form

Dear Applicant:

Please complete this form and return it with your fellowship application. The information that you provide will allow us to target our advertising more effectively. This information is confidential and is not used in review of the fellowship application.

1. How did you find out about the program?

☐ Poster

☐ Advertising in Journal (name of journal)

\_\_\_\_\_

☐ Word of Mouth

from ☐ faculty ☐ student ☐ administrator

☐ Laboratory Staff

☐ Institutional Announcement

☐ Conference or Meeting (name of meeting)

\_\_\_\_\_

☐ World Wide Web Pages

☐ Other

2. Have you applied for other fellowship programs?

☐ From other sources

☐ University-Sponsored (names of fellowships)

\_\_\_\_\_  
\_\_\_\_\_

☐ Other (NSF, DOD, etc.)

\_\_\_\_\_  
\_\_\_\_\_